

Library Project Requirements Documentation

Type: Software Requirements Specification Document

Class: *Software Engineering* 247-001-F2019, UofSC

Team: *Untitled*

Members: Tyson Medlin, Nick Bautista, Luis Canales

Date: 09/06/2019

Version: 0.15

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Introduction

Purpose

The library system will grant library users a more modern and efficient experience with their current library usage through the addition of strategically designed computer application. Features of this computer application will include at release:

(to be announced)

Our goal is to enable library users a sleek, modern, easy-to-use library experience through our strategically designed computer application. In addition, the application of this library system will encourage greater library usage from common users, and can be expected to receive more attention from investors and more funding from the city and county due to the higher usage.

Scope

This requirements document will cover all the recorded information needed to further develop and research the library system, from design to release.

Stakeholders

Libraries are used every day by all types of people. Some of the most common library users include:

- Researchers
- Students
- Youth
- Public Program Users
- Homeless Individuals
- Family Units

Personas

Attached after this page are three landscape-view persona examples of common library users developed for this library system requirements document.

Colton Grant

Student

Motivation

I'm a junior in college, and when I heard that a library was within walking distance

of my apartment I knew the library would make a great asset. I use the library almost every other day to prepare for my upcoming classes by reading the available textbooks. By using the library textbooks I am able to stay on top of my difficult class load, and if the textbooks were not available through the library I would have to spend money and obtain my own copies, which would be expensive.

Sometimes on the weekends I will visit the library section of used DVDs and borrow some movies for entertainment. I can also use the library computers to complete online homework and read e-books.

Having the library as a resource means I get to improve my education for less money!

Personal Information

Gender: Male

Age: 21

Location: Near University

About: After finishing high school at Songbird High, Colton wanted a college education to be the next major goal of his life. Colton studies Physics and wants to work as a Physicist. Colton also wants to retire earlier than his parents did, therefore he saves his money and spends responsibly. His hobbies are making electronic music, recognizing stolen art, and extreme fast-paced dancing. Colton has a slight fear of people.

Scenarios

After reading in his University guide that a library was near his apartment, Colton used his laptop to find the location of the library. He printed out the instructions and found the distance to be more than acceptable for regular use. Colton knew this would be his go-to location for his library needs.

Colton once studied a textbook for 7 hours non-stop and still got a D on a related test later that day. After this experience, Colton wishes the library closest to him had available tutors to help him learn.

"I use the library to prepare for my upcoming classes..."

Goals

- Use the available library textbooks to study his class material
- Save money
- Borrow DVDs on the weekend
- Use the library computers to read his e-books and complete homework
- Do well in his difficult classes
- Be a short distance from the library

Needs

- Opening and closing hours that fit into his schedule
- Available textbooks
- Working computers with internet access
- Available DVDs
- To be a short distance from the library
- Safe, easy learning environment
- Quiet room for studying

Scenarios

Once, Colton logged on to a library computer and found that none of his internet searches were outputting results. "This is very strange", thought Colton. Colton then decided he would walk to the help counter and inform the friendly person at the counter that the library computer was having an internet problem. The help counter employee was busy, so instead of waiting and getting help, Colton left the library.



Elyse Romano

Researcher

Motivation

I'm a Graduate Researcher at my University and having a new library open up in this city helps me look up more information in my field of Linguistic Anthropology. With my Schools Resources being minial due to lack of budget, the library will be a great place to find new online resources and databases so that I can continue to advance my research.

Personal Information

Gender: Female

Age: 26

Location: Suburbs, Columbia, SC

Occupation: Graduate Researcher

Elyse has recently moved to Columbia to continue her research at the University of South Carolina. She rents a room in a house with 4 other women and looks for any excuse to leave and find a quite place to continue working.

Scenarios

After going to her Unversies library, Elyse found that the Databases that her department had been using had been cut from the budget and were no longer available for use.

The library also had no way to reserve digital textbooks and would ask Elyse to come in to reserve the digital textbooks for some reason

"I need the library to search for papers in my field..."

Goals

- Use the Library Online Database to find papers on her field of study
- Check out Digital and Hard-cover books
- Library Computers to write papers
- Reserve a room for meetings and to have a quite space
- Save money on paying for Data Base access

Needs

- Opening and closing hours that allow use at any time of day
- Databases that have access to different papers in linguistics
- Working computers with internet access
- Reservable rooms for quite space to work
- Digital Checkout and reservation

Scenarios

When she went to the library it would always be full of people talking and interacting, and although she was okay with that, when she went to ask for a quite space or room the librarians would tell her they are all checked out or unavailable and there was no way to view online or reserve a room for her to work and do her research. She would always head back home due to how frustrating the library was and the lack of usability in the website.



Hank Byron

Citizen

Motivation

Hank Byron, since his childhood, has always been passionate about reading books. While he may sometimes buy books from a bookstore, he prefers to borrow them from the library instead for a more diverse collection. Hank, despite being a book lover, also occasionally borrows some DVDs in the library for movies or documentaries that are harder to find online.

Personal Information

Gender: Male

Age: 23

Location: Columbia, SC

Occupation: Software Developer at a local company

Hank recently graduated in the University of South Carolina with a Bachelor's Degree for Computer Science. Having more free time since he graduated, he spends more of his time reading books which is a hobby he has always had since he was a child. Being an outgoing person, he prefers the library over buying books online because the library gives him more opportunities to interact with people that have the same interest as he does.

Scenarios

Hank has finished reading a book and decides to return it. He gets a prompt whether he wants to add the book to his completed list. He then looks at his info on the library website and views the list of books he has completed.

"Books are my passion and the library is a great place to find them..."

Goals

- Borrow books of different genre
- Borrow DVDs of interest
- Promote the utilization of libraries
- Keep a record of books that have already been read
- Make a list of books to be read
- Meet new people of the same interest

Needs

- Information about the piece of media in question must be detailed
- Looking for available books must be easy
- Must have a way to keep track of books that have already been read
- Must be able to add books to a list of media to be consumed
- Checking out books must be convenient

Scenarios

Hank wishes to find a horror book that interests him. He goes to the library and utilizes the kiosk which runs the library system. He navigates the selection of books by filtering out the genres that he does not find interesting, then sorts the list of available books by rating. As he clicks on the name of the book, he finds information about the book which includes the author, and a synopsis of what the book is about. It also contains the location of the shelf the book is situated in.

